



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/509,517	09/28/2004	Yoshio Sano	Q83378	5685
72875 7590 05/01/2009 SUGHRUE MION, PLLC 2100 Pennsylvania Avenue, N.W. Washington, DC 20037				
EXAMINER				
YI, STELLA KIM				
ART UNIT		PAPER NUMBER		
1791				
NOTIFICATION DATE		DELIVERY MODE		
05/01/2009		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USPTO@sughrue.com
kglyndman@sughrue.com
USPatDocketing@sughrue.com

Office Action Summary

Application No.

10/509,517

Applicant(s)

SANO, YOSHIO

Examiner

Stella Yi

Art Unit

1791

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 January 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SF/ICE)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____
- Paper No(s)/Mail Date _____

DETAILED ACTION

Response to Amendment

1. The Amendment filed on January 28, 2009 has been entered and fully considered.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over KATSUHIRO et al. (JP 61-261011) and in further view of VOGT (2,759,618).

Regarding Claims 5, KATSUHIRO et al. discloses a lens-casting-mold assembling apparatus comprising a taping device used in molding of plastic lenses where the molds are centered by the positioning device (Abstract). As shown in Figures 6, 10, and 11 of KATSUHIRO et al., the concave and convex molds have a predetermined distance spaced therein between and the taping or sealing of the molds may be achieved while keeping the said distance between the molding surfaces of the molds in constant (Abstract). KATSUHIRO et al. also discloses a rotary shaft **11, 8** (rotation drive device) which simultaneously rotates the positioned concave and convex molds, and a press roller **12** (Abstract). KATSUHIRO et al. is silent to the elements or characteristics of the said tape winding device. However, VOGT discloses a taping device that includes a tape roll holding device **10** which holds an adhesive tape roll of

wound adhesive tape (Col.2, lines 14-25), a bridge member having a snubbing surface formed thereon (tape keep device) (23 & 24 Figure 1) which holds a distal end side of the adhesive tape drawn out from the adhesive tape roll (Col.2, lines 28-30), an applicator device (a tape drawing-out device) Figure 3 which is constructed to draw out the adhesive tape from the adhesive tape roll by moving the plate 27 of the said applicator device against the backup plate 25 (moving from a first position to a second position), thus releasing the snubber spring element 28 and permitting the tape to be withdrawn from the roll (Col.3, lines 35-39) from position 41 to the position 42 of Figure 1 in a state where the distal end side of the adhesive tape is held by the said tape keep device, and the end of the tape 41 may be turned back against the bridge member (Col.2, lines 64-72; Col.3, lines 52-58 and 67-69) after the holder is removed from the surface and the plate 27 of the applicator device moves outwardly to its original position (move from the second position to the first position) when the adhesive tape is to be wound onto the peripheral surfaces of the surface (Col.3, lines 55-57) and a cutting device 35 which cuts the adhesive tape (Col.3, lines 8-9). VOGT discloses that when the tape is applied to a surface, the holder is moved so that the free end of the tape is moved and pressed against the desired surface by the applicator device carried by the plate. As the holder is pressed against the surface and moved with respect thereto, the tape is unrolled from the roll and applied against the surface under pressure, thus accomplishing the desired taping operation (Col.2, lines 64-72). The said tape is an adhesive tape; therefore a part of the adhesive tape drawn out beforehand would get stuck or adhered to the said peripheral surfaces of the concave and convex molds.

VOGT is silent to drawing out a predetermined load on the adhesive tape in moving. However, it would have been obvious to one of ordinary skill in the art to draw out the desired length or load prior to wounding it onto a surface in order to achieve desired taping for that surface. It would have been obvious to one of ordinary skill in the art to have modified the taping device for lens-casting-mold assembling apparatus of KATSUHIRO et al. to include the elements or devices of the taping device of VOGT in order to manufacture optical lenses having both concave and convex surfaces of KATSUHIRO et al. by facilitating the adhering of the tape of VOGT to tape and seal the surfaces of KATSUHIRO's lens molds.

Response to Arguments

1. Applicant's arguments filed January 28, 2009 have been fully considered but they are not persuasive.

Applicant Argues:

a) Neither Katsuhiko nor Vogt teach or suggest at least the claimed feature of "wherein a part of the adhesive tape drawn out beforehand is stuck".

Examiner respectfully disagrees with the Applicant's above arguments and would like to point out the reason(s) as discussed in the rejection:

a) VOGT discloses that when the tape is applied to a surface, the holder is moved so that the free end of the tape is moved and pressed against the desired surface by the applicator device carried by the plate. As the holder is pressed against the surface and moved with respect thereto, the tape is unrolled from the roll and

applied against the surface under pressure, thus accomplishing the desired taping operation (Col.2, lines 64-72). The said tape is an adhesive tape; therefore a part of the adhesive tape drawn out beforehand would get stuck or adhered to the said peripheral surfaces of the concave and convex molds. VOGT is silent to drawing out a predetermined load on the adhesive tape in moving. However, it would have been obvious to one of ordinary skill in the art to draw out the desired length or load prior to wounding it onto a surface in order to achieve desired taping for that surface. It would have been obvious to one of ordinary skill in the art to have modified the taping device for lens-casting-mold assembling apparatus of KATSUHIRO et al. to include the elements or devices of the taping device of VOGT in order to manufacture optical lenses having both concave and convex surfaces of KATSUHIRO et al. by facilitating the adhering of the tape of VOGT to tape and seal the surfaces of KATSUHIRO's lens molds.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stella Yi whose telephone number is 571-270-5123. The examiner can normally be reached on Monday - Thursday from 8:00 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christina Johnson can be reached on 571-272-1176. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 10/509,517
Art Unit: 1791

Page 7

/Christina Johnson/
Supervisory Patent Examiner, Art Unit 1791